
Sequence Listing could not be accepted due to errors.

See attached Validation Report.

If you need help call the Patent Electronic Business Center at (866) 217-9197 (toll free).

Reviewer: Anne Corrigan

Timestamp: [year=2008; month=12; day=2; hr=15; min=8; sec=42; ms=429;]

Reviewer Comments:

<210> 1

<211> 2827

<212> RNA

<213> Homo sapien

<400> 1

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Since the above <212> response is "RNA," no t's are allowed. For a combined DNA/RNA sequence, use "<212> DNA" and explain in the <220>-<223> section that it is a combined DNA/RNA sequence.

Please change the above <213> response to "Homo sapiens" (same in Sequence 2).

Validated By CRFValidator v 1.0.3

Application No: 10580285 Version No: 2.0

Input Set:

Output Set:

Started: 2008-11-29 06:04:13.033

Finished: 2008-11-29 06:04:15.258

Elapsed: 0 hr(s) 0 min(s) 2 sec(s) 225 ms

Total Warnings: 2

Total Errors: 563

No. of SeqIDs Defined: 3

Actual SeqID Count: 3

Error code		Error Description										
W	402	Undefined organism found in <213> in SEQ ID (1)										
E	256	't' found in RNA; POS (5) SEQID(1)										
E	256	't' found in RNA; POS (11) SEQID(1)										
E	256	't' found in RNA; POS (16) SEQID(1)										
E	256	't' found in RNA; POS (17) SEQID(1)										
E	256	't' found in RNA; POS (23) SEQID(1)										
E	256	't' found in RNA; POS (32) SEQID(1)										
E	256	't' found in RNA; POS (34) SEQID(1)										
E	256	't' found in RNA; POS (39) SEQID(1)										
E	256	't' found in RNA; POS (49) SEQID(1)										
E	256	't' found in RNA; POS (58) SEQID(1)										
E	256	't' found in RNA; POS (69) SEQID(1)										
E	256	't' found in RNA; POS (70) SEQID(1)										
E	256	't' found in RNA; POS (71) SEQID(1)										
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E	256	't' found in RNA; POS (80) SEQID(1)										
E	256	't' found in RNA; POS (82) SEQID(1)										
E	256	't' found in RNA; POS (83) SEQID(1)										
E	256	't' found in RNA; POS (92) SEQID(1)										
E	256	't' found in RNA; POS (101) SEQID(1)										

Input Set:

Output Set:

Started: 2008-11-29 06:04:13.033

Finished: 2008-11-29 06:04:15.258

Elapsed: 0 hr(s) 0 min(s) 2 sec(s) 225 ms

Total Warnings: 2

Total Errors: 563

No. of SeqIDs Defined: 3

Actual SeqID Count: 3

Error code		Error Description											
E	256	't' found in RNA; POS (104) SEQID(1) This error has occured more than 20 times, will not be displayed											
M	402	Undefined organism found in <213> in SEQ ID (2)											

<400>1

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Val	Ile	Gln 35	Asn	Pro	Gly	Pro	Arg 40	His	Pro	Glu	Ala	Ala 45	Ser	Ala	Ala
Pro	Pro 50	Gly	Ala	Ser	Leu	Leu 55	Leu	Leu	Gln	Gln	Gln 60	Gln	Gln	Gln	Gln
Gln 65	Gln	Gln	Gln	Gln	Gln 70	Gln	Gln	Gln	Glu	Thr 75	Ser	Pro	Arg	Gln	Gln 80
Gln	Gln	Gln	Gln	Gly 85	Glu	Asp	Gly	Ser	Pro 90	Gln	Ala	His	Arg	Arg 95	Gly
Pro	Thr	Gly	Tyr 100	Leu	Val	Leu	Asp	Glu 105	Glu	Gln	Gln	Pro	Ser	Gln	Pro
Gln	Ser	Ala 115	Leu	Glu	Cys	His	Pro	Glu	Arg	Gly	Cys	Val	Pro	Glu	Pro
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Pro 145	Pro	Asp	Glu	Asp	Asp 150	Ser	Ala	Ala	Pro	Ser 155	Thr	Leu	Ser	Leu	Leu 160
Gly	Pro	Thr	Phe	Pro 165	Gly	Leu	Ser	Ser	Cys 170	Ser	Ala	Asp	Leu	Lys 175	Asp
Ile	Leu	Ser	Glu 180	Ala	Ser	Thr	Met	Gln 185	Leu	Leu	Gln	Gln	Gln 190	Gln	Gln
Glu	Ala	Val 195	Ser	Glu	Gly	Ser	Ser 200	Ser	Gly	Arg	Ala	Arg 205	Glu	Ala	Ser
Gly	Ala 210	Pro	Thr	Ser	Ser	Lys 215	Asp	Asn	Tyr	Leu	Gly 220	Gly	Thr	Ser	Thr
Ile 225	Ser	Asp	Asn	Ala	Lys 230	Glu	Leu	Cys	Lys	Ala 235	Val	Ser	Val	Ser	Met 240
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Arg	Pro	Thr 275	Pro	Суз	Ala	Pro	Leu 280	Ala	Glu	Cys	Lys	Gly 285	Ser	Leu	Leu
Asp	Asp 290	Ser	Ala	Gly	Lys	Ser 295	Thr	Glu	Asp	Thr	Ala 300	Glu	Tyr	Ser	Pro
Phe 305	Lys	Gly	Gly	Tyr	Thr 310	Lys	Gly	Leu	Glu	Gly 315	Glu	Ser	Leu	Gly	Cys 320
Ser	Gly	Ser	Ala	Ala 325	Ala	Gly	Ser	Ser	Gly 330	Thr	Leu	Glu	Leu	Pro 335	Ser
Thr	Leu	Ser	Leu 340	Tyr	Lys	Ser	Gly	Ala 345	Leu	Asp	Glu	Ala	Ala 350	Ala	Tyr
Gln	Ser	Arg 355	Asp	Tyr	Tyr	Asn	Phe 360	Pro	Leu	Ala	Leu	Ala 365	Gly	Pro	Pro
Pro	Pro 370	Pro	Pro	Pro	Pro	His 375	Pro	His	Ala	Arg	Ile 380	Lys	Leu	Glu	Asn
Pro 385	Leu	Asp	Tyr	Gly	Ser 390	Ala	Trp	Ala	Ala	Ala 395	Ala	Ala	Gln	CÀa	Arg 400
Tyr	Gly	Asp	Leu	Ala 405	Ser	Leu	His	Gly	Ala 410	Gly	Ala	Ala	Gly	Pro 415	Gly
Ser	Gly	Ser	Pro	Ser	Ala	Ala	Ala	Ser	Ser	Ser	Trp	His	Thr	Leu	Phe

Thr Ala Glu Glu Gly Gln Leu Tyr Gly Pro Cys Gly Glu Ala Gly Ala Val Ala Pro Tyr Gly Tyr Thr Arg Pro Pro Gln Gly Leu Ala Gly Gln Glu Ser Asp Phe Thr Ala Pro Asp Val Trp Tyr Pro Gly Gly Met Val Ser Arg Val Pro Tyr Pro Ser Pro Thr Cys Val Lys Ser Glu Met Gly Pro Trp Met Asp Ser Tyr Ser Gly Pro Tyr Gly Asp Met Arg Leu Glu Thr Ala Arg Asp His Val Leu Pro Ile Asp Tyr Tyr Phe Pro Pro Gln Lys Thr Cys Leu Ile Cys Gly Asp Glu Ala Ser Gly Cys His Tyr Gly Ala Leu Thr Cys Gly Ser Cys Lys Val Phe Phe Lys Arg Ala Ala Glu Gly Lys Gln Lys Tyr Leu Cys Ala Ser Arg Asn Asp Cys Thr Ile Asp Lys Phe Arg Arg Lys Asn Cys Pro Ser Cys Arg Leu Arg Lys Cys Tyr Glu Ala Gly Met Thr Leu Gly Ala Arg Lys Leu Lys Leu Gly Asn Leu Lys Leu Gln Glu Glu Glu Ala Ser Ser Thr Thr Ser Pro Thr Glu Glu Thr Thr Gln Lys Leu Thr Val Ser His Ile Glu Gly Tyr Glu Cys Gln Pro Ile Phe Leu Asn Val Leu Glu Ala Ile Glu Pro Gly Val Val Cys Ala Gly His Asp Asn Asn Gln Pro Asp Ser Phe Ala Ala Leu Leu Ser Ser Leu Asn Glu Leu Gly Glu Arg Gln Leu Val His Val Val Lys Trp Ala Lys Ala Leu Pro Gly Leu Arg Asn Leu His Val Asp Asp Gln Met Ala Val Ile Gln Tyr Ser Trp Met Gly Leu Met Val Phe Ala Met Gly Trp Arg Ser Phe Thr Asn Val Asn Ser Arg Met Leu Tyr Phe Ala Pro Asp Leu Val Phe Asn Glu Tyr Arg Met His Lys Ser Arg Met Tyr Ser Gln Cys Val Arg Met Arg His Leu Ser Gln Glu Phe Gly Trp Leu Gln Ile Thr Pro Gln Glu Phe Leu Cys Met Lys Ala Met Leu Leu Phe Ser Ile Ile Pro Val Asp Gly Leu Lys Asn Gln Lys Phe Phe Asp Glu Leu Arg Met Asn Tyr Ile Lys Glu Leu Asp Arg Ile Ile Ala Cys Lys Arg Lys Asn Pro Thr Ser Cys Ser Arg Arg Phe Tyr Gln Leu Thr Lys Leu Leu Asp Ser Val His Pro Ile Ala Arg Glu Leu His Gln Phe Thr Phe Asp Leu Ieu Ile Lys Ser His Met Val Ser Val Asp Phe Pro Glu

Met Met Ala Glu Ile Ile Ser Val Gln Val Pro Lys Ile Leu Ser Gly 885 890 895
Lys Val Lys Pro Ile Tyr Phe His Thr Gln

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Ala Leu Ala Gly Pro Pro Pro Pro Pro Pro Pro Pro His Pro His Ala

355 360 365

		555					500					505			
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Gly	Ala	Ala	Gly	Pro 405	Gly	Ser	Gly	Ser	Pro 410	Ser	Ala	Ala	Ala	Ser 415	Ser
Ser	Trp	His	Thr 420	Leu	Phe	Thr	Ala	Glu 425	Glu	Gly	Gln	Leu	Tyr 430	Gly	Pro
Суз	Gly	Gly 435	Gly	Gly	Gly	Gly	Gly 440	Gly	Gly	Gly	Gly	Gly 445	Gly	Ala	Gly
Glu	Ala 450	Gly	Ala	Val	Ala	Pro 455	Tyr	Gly	Tyr	Thr	Arg 460	Pro	Pro	Gln	Gly
Leu 465	Ala	Gly	Gln	Glu	Gly 470	Asp	Phe	Thr	Ala	Pro 475	Asp	Val	Trp	Tyr	Pro 480
Gly	Gly	Met	Val	Ser 485	Arg	Val	Pro	Tyr	Pro 490	Ser	Pro	Thr	Cys	Val 495	Lys
Ser	Glu	Met	Gly 500	Pro	Trp	Met	Asp	Ser 505	Tyr	Ser	Gly	Pro	Tyr 510	Gly	Asp
Met	Arg	Leu 515	Glu	Thr	Ala	Arg	Asp 520	His	Val	Leu	Pro	Ile 525	Asp	Tyr	Tyr
Phe	Pro 530	Pro	Gln	Lys	Thr	Cys 535	Leu	Ile	Cys	Gly	Asp 540	Glu	Ala	Ser	Gly
Cys 545	His	Tyr	Gly	Ala	Leu 550	Thr	Cys	Gly	Ser	Cys 555	Lys	Val	Phe	Phe	Lys 560
Arg	Ala	Ala	Glu	Gly 565	Lys	Gln	Lys	Tyr	Leu 570	Cys	Ala	Ser	Arg	Asn 575	Asp
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Lys	Leu 610	Gly	Asn	Leu	Lys	Leu 615	Gln	Glu	Glu	Gly	Glu 620	Ala	Ser	Ser	Thr
Thr 625	Ser	Pro	Thr	Glu	Glu 630	Thr	Ala	Gln	Lys	Leu 635	Thr	Val	Ser	His	Ile 640
	_	-		645					650					Ala 655	
Glu	Pro	Gly	Val 660	Val	Cys	Ala	Gly	His 665	Asp	Asn	Asn	Gln	Pro 670	Asp	Ser
Phe	Ala	Ala 675	Leu	Leu	Ser	Ser	Leu 680	Asn	Glu	Leu	Gly	Glu 685	Arg	Gln	Leu
Val	His 690	Val	Val	Lys	Trp	Ala 695	Lys	Ala	Leu	Pro	Gly 700	Phe	Arg	Asn	Leu
705			_		710					715		_		Gly	720
Met	Val	Phe	Ala	Met 725	Gly	Trp	Arg	Ser	Phe 730	Thr	Asn	Val	Asn	Ser 735	Arg
Met	Leu	Tyr	Phe 740	Ala	Pro	Asp	Leu	Val 745	Phe	Asn	Glu	Tyr	Arg 750	Met	His
Lys	Ser	Arg 755	Met	Tyr	Ser	Gln	Cys 760	Val	Arg	Met	Arg	His 765	Leu	Ser	Gln
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